

LIST OF ABBREVIATIONS

≈	Approximately
±	Plus or minus
11-Dehydro-TxB ₂	11-Dehydro-thromboxane B ₂
8- <i>epi</i> -PGF _{2α}	8- <i>epi</i> -Prostaglandin F _{2α}
3-HPMA	3-hydroxypropylmercapturic acid
1-OHP	1-Hydroxypyrene
μg	Microgram(s)
μm	Micrometer(s)
AE	Adverse event
Ae	Amount excreted
ALP	Alkaline phosphatase
ALT	Alanine aminotransferase
ANOVA	Analysis of variance
AST	Aspartate aminotransferase
BED	Biologically effective dose
BLLOQ, BLQ	Below the limit of quantitation
BMI	Body mass index
bpm	Beat(s) per minute
BUN	Blood urea nitrogen
°C	Degrees Celsius
CFR	Code of Federal Regulations
CI	Confidence intervals
cig	Cigarette
CLIA-88	Clinical Laboratory Improvement Amendments of 1988
CO	Carbon monoxide
COHb	Carboxyhemoglobin
COPD	Chronic obstructive pulmonary disease
CRF	Case report form
cpd	Cigarettes per day
CReSSmicro™	Clinical Research Support System <i>Micro</i>
dL	Deciliter
DNA	Deoxyribonucleic acid
ECG	Electrocardiogram
EDTA	Ethylenediaminetetraacetic acid
ELISA	Enzyme-linked immunosorbent assay
ETS	Environmental tobacco smoke
°F	Degrees Fahrenheit
FDA	Food and Drug Administration
FEV ₁	Forced expiratory volume in the first second
FTC	Federal Trade Commission
FVC	Forced vital capacity
g	Gram(s)

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GC	Gas chromatography
GCP	Good Clinical Practice
Gluc	Glucuronide
H ₂ antagonist	H ₂ histamine receptor antagonist
Hb	Hemoglobin
HBsAg	Hepatitis B surface antigen
HCV	Hepatitis C virus
HDL	High-density lipoprotein
HDPE	High-density polyethylene
HDPP	High-density polypropylene
hpf	High power field
h, hr	Hour(s)
hs-CRP	High-sensitivity C-reactive protein
IARC	International Agency for Research on Cancer
ICF	Informed consent form
ICH	International Conference on Harmonization
ID	Identification
in	Inches
IQR	Interquartile range
IRB	Institutional Review Board
IUD	Intrauterine device
K ₃ EDTA	Tripotassium ethylenediaminetetraacetate
kg	Kilogram
L	Liter(s)
lb	Pound(s)
LC	Liquid chromatography
LDH	Lactate dehydrogenase
LDL	Low density lipoprotein
LLOQ	Lower limit of quantitation
LOQ	Limit of quantitation
lpf	Low power field
LS	Least squares
m	Meter(s)
max	Maximum
MedDRA	Medical Dictionary for Regulatory Activities
µg	Microgram(s)
mEq	Milliequivalent(s)
mg	Milligram(s)
MHBMA	Monohydroxybutenyl mercapturic acid
Mil	Million
min	Minimum, minute
mL	Milliliter(s)
mm Hg	Millimeter(s) of mercury
mm	Millimeter(s)
mmol	Millimole(s)

MS	Mass spectrometry
N	Sample size, number
NaCl	Sodium chloride
ng	Nanogram(s)
ng/mL	Nanogram(s) per milliliter
NNAL	4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol
NNK	4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone
OTC	Over-the-counter
% sat	Percent saturation
pg	Picogram(s)
pmol	Picomole(s)
pmol/g	Picomole/gram
ppm	Parts per million
PAH	Polycyclic aromatic hydrocarbon
PREP	Potential reduced-exposure product
QA	Quality Assurance
Q1	First quartile
Q3	Third quartile
R ²	Correlation coefficient
RBC	Red blood cell
RCF	Relative centrifugal force
RPM	Revolutions per minute
s, sec	Second(s)
SAE	Serious adverse event
sat	Saturation, saturated
SD	Standard deviation
SOP(s)	Standard operating procedure(s)
S-PMA	S-phenylmercapturic acid
Thou	Thousand
TSNA	Tobacco-specific nitrosamine
U/L	Unit(s) per liter
USA	United States of America
WBC	White blood cell
y	Year(s)

others...

e.g.,	For example (Latin: <i>exempli gratia</i>)
i.e.,	That is to say (Latin: <i>id est</i>)
Inc.	Incorporated
CLIA-88	Clinical Laboratory Improvement Amendments of 1988